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PN - DE3242997 A1 19840524
 AP - DE19823242997 19821120
 PA - STANDARD ELEKTRIK LORENZ AG [DE]
 IN - ROTHER DIETRICH DR ING [DE]; TSCHIESCHE HUGO DIPL ING [DE]; KALLERHOFF HERMANN DIPL ING [DE]
 PR - DE19823242997 19821120
 TI - Position indicating system
 AB - In the position indicating system, a user's position is calculated in a user station (N) from the distances to several parent television transmitters (S1, S2) and/or fill-in television transmitters (FS11, ..., FS21,...) and the positions of these television transmitters which are known in the user station. The distances to the television transmitters are determined by means of one-way range measurements. The time markers needed for one-way range measurement are derived from the television signals of these television transmitters. The television transmitter which has radiated the television signal is identified with the aid of the frequency of the received television signal. To synchronise all stations of the system, a ground control station (K) is provided which operates in conjunction with a transponder (T) arranged on a satellite. The transponder signals are also received by receiving stations (E) which are allocated to the parent television transmitters (S). In the receiving stations, correction values are determined for the parent television transmitters and these are transmitted to the users. The fill-in transmitters are in each case coupled to the associated parent television transmitter. <IMAGE>
 IC - G01S5/14
 ICAI - G01S5/14; G01S11/08
 ICCI - G01S5/14; G01S11/00
 EC - G01S5/14; G01S11/08

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AN - 1984-134874 [22]
 TI - Position measurement system using one-way measurement method - achieves fixed position transmitter identification from video signal frequency
 AB - The system enables a user station to determine its arm position from distances to remote stations (FS23,FS11,FS13) whose positions are known. The time markers required for the one-way distance measurements are derived from video signals emitted by video ground network transmitters and/or other video transmitters. The transmitter is identified from the frequency of the received signal. The position of the transmitter is known within the user station. Timing error corrections are derived from a ground control station (K) which communicates with receiver (E) stations via a satellite transponder.
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 CPY - INTT
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 PR - DE19823242997 19821120
 OPD - 1982-11-20
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 IW - POSITION MEASURE SYSTEM ONE WAY METHOD ACHIEVE FIX TRANSMIT IDENTIFY VIDEO SIGNAL FREQUENCY
 AW - SATELLITE NAVIGATION
 IC - G01S5/14
 MC - W02-C03B W06-A03
 DC - W02 W06